

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	10/029,204	SHIMIZU ET AL.	
	Examiner	Art Unit	
	Kevin M. Bernatz	1773	

All Participants:

(1) Kevin M. Bernatz.

(2) Sheldon Landsman.

Status of Application: _____

(3) _____.

(4) _____.

Date of Interview: 14 December 2005

Time: AM

Type of Interview:

- ☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description:

Part I.

Rejection(s) discussed:

all

Claims discussed:

all

Prior art documents discussed:

all

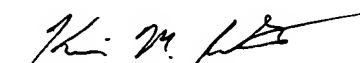
Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

Part III.

- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.


 (Examiner/SPE Signature)

 (Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: the Examiner indicated that the subject matter of claims 26 - 29 appeared to be allowable, as well as the subject matter of claims 1, 16 and 20 if amended to recite that the non-magnetic intermediate layer was a Co alloy. The Examiner indicated that Ikeda et al., while providing for two layers between the soft magnetic underlayer and the recording layer structure, did not provide sufficient specificity to (1) replace the uppermost layer with a non-magnetic Co alloy, (2) replace the single magnetic underlayer with a laminated structure, (3) insure that the laminated structure had an upper and lower soft magnetic layer possessing different magnetization directions, and (4) insure that those magnetization directions were along the radius. The Examiner noted that Akiyama et al. and Shukh et al. taught away from using a Co alloy, both providing teachings for elements used by Ikeda et al. (i.e. Ti and C). The Examiner deemed that there was insufficient specificity in the prior art to pick and choose a material for the layer when the two references relied upon to teach the soft underlayer structure taught away from the use of such a material.